NOAA Restoration Center

Queseria Creek Fish Passage

Project Description

The objective of this project is to improve passage conditions for adult and juvenile steelhead trout and coho salmon by removing an undersized and misaligned pip culvert, re-aligning 100 feet of stream channel, and installing a bottom-lees concrete arch structure.

Project Nickname	Queseria Creek - AR 2003		
Location	Davenport, Santa Cruz County, CA, 95060 SWR		
Program	Community-based Restoration	**Congressional District**	CA 17
Lat, Long Coordinates	-122.2219, 37.044	**Land Ownership**	Public
Implementation Start Date	01-AUG-03	**Implementation End Date**	15-NOV-03
River Basin		**HUC**	
Geographic Identifier		**USGS Topo Quad**	
Project Status	Implementation Complete	**Project Type**	Restoration
Project Status Description			
Landmark	Swanton Road		
Number of Volunteers		**Volunteer Hours**	
Volunteer Description			
Proposed Project?	**Project Closed?** Y	**FY Completed**	2004

Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel						.5	

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Salmon, coho	*Oncorhynchus*	*kisutch*	Central California Coast	Threatened	animal
Trout, steelhead	*Oncorhynchus*	*mykiss*	Central California Coast	Threatened	animal

Partners

US Fish and Wildlife Service
California Polytechnic State University

Restoration Techniques

culvert replacement

Contacts

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NOAA Involvement

source of funding

Monitoring Information

Characteristic **Type**
Additional Info

Funding Information

Funding Mechanism	FY Awarded	NOAA Contribution	Partnership Contributio	Total Partnership Contribution
American Rivers	2003	$25,000	$0	$25,000
TOTALS		$25,000	$0	$25,000

Other Non-Federal $ $0 **Other Federal $** $0 **Total Project Cost** $25,000

Funding Recipient County of Santa Cruz

Funding Comments

Project Abstract

The NOAA Community-based Restoration Program partnered with American Rivers to fund the Queseria Creek Fish Passage Project. Queseria Creek is a tributary to Scotts Creek, which enters the Pacific Ocean just north of Santa Cruz, California. The Scotts Creek watershed is currently the southern most watershed in California where all three Coho-year classes exist, and therefore protecting and restoring this watershed is of very high importance.

This project, completed in November of 2003, was awarded to the County of Santa Cruz and was largely implemented by graduate students at the California Polytechnic State University (Cal Poly) - Swanton Ranch Property. The objective of this project was to improve passage conditions for adult and juvenile threatened Central California Coast Steelhead and threatened Central California Coast Coho. This project included the removal of removing an undersized and misaligned pipe culvert, the re-alignment of 100 feet of stream channel, and the installation of a bottomless concrete arch structure. This project opened up approximately 1000 feet of potential spawning and rearing habitat. This project was part of an ongoing effort that has also re-aligned a 1000 foot section of stream immediately downstream of this project and will include additional riparian vegetation planting.

As this project took place on land owned by Cal Poly, outreach and education opportunities include presentations to visitors and learning opportunities to students. Cal Poly is committed to monitoring the success of the overall project. Other partners on this project included the United States Fish and Wildlife Service and the Scott Creek Watershed Council, the California Department of Fish and Game, and the Natural Resources Conservation Service.